



Dart Hawkesbury
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RBD29905
Job Sheet 168549



000502

Part No: RBD29905

Job Qty: 1 ea

Part Name: Engine Hoist Rope Pulley System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/16/17

Job Tracking No:

Due Date: 11/30/17

Created By: Marie Lajeunesse

Type: Stock

Description:

Customer: Winco Inc (CWINC01)

22300 Yellow Gate Lane NE Aurora, OR, 97002 USA ph:(503) 678-6060

Note: DWG RBD29905 Rev 5 IPP Rev A 17.11.15 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		11/29/17	0.00	0.00	Start Up Small Fab-2		MLL
110	Small Fab	1 pcs		11/30/17	0.00	2.00	Small Fab		MLL
120	QC	1 pcs		11/30/17	0.00	0.00	QC5		MLL
130	Packaging	1 pcs		11/30/17	0.00	0.00	Packaging3		MLL
140	QC21-SA	1 Ea		11/30/17	0.00	0.00	QC21		MLL

Part Op 110 - Assemble as per DWG. Sheet 1

Descriptions: 130 - Bag and tag

DAS
21
9:00

FEB 09 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	97481A351 5015397	2	0	0	0
	97481A357 5015398	2	0	0	0
	RBD29905-1	4	0	0	0
	RBD29905-11 OK	1	0	0	0
	RBD29905-13 OK	1	0	0	0
	RBD29905-15	5	0	0	0
	RBD29905-3	1	0	0	0
	RBD29905-5	4	0	0	0
	RBD29905-7 OK	4	0	0	0
	RBD29905-9 OK	1	0	0	0
	W9710R	1	0	0	0

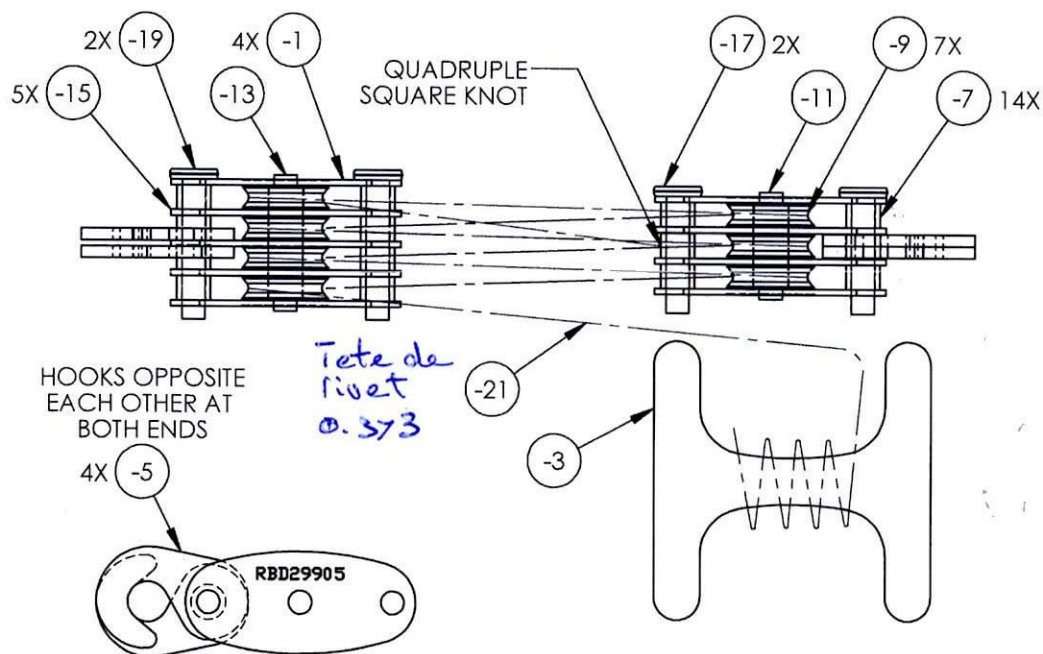
Part Specifications

Specifications could not be found.

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev I

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 CORD HANDLE LENGTHENED .25 AND WIDENED .5	7/14/06	WP	DW
2		ADDED KNOT SPEC.'S, CHANGED -19 RIVET FROM Ø1/4x1-1/2, REORGANIZED AND ADDED NEW REV. LOG, TITLE BLOCK & BOM.	9/14/07	WP	RW
2A		CH'D USED ON MODEL FROM BELL 206 TO MD PER E.B.	9/17/10	RJC	EB
3		ADDED -15 MATERIAL, CH'D -19 P/N FROM 97481A357 RIVET TO 1-1/2 LONG, CH'D -1 CENTER HOLE FROM Ø.225, ADDED -11 & -13 TOLERANCE TO Ø.250 OER G.E. MOVED PARTS TO SEPARATE PAGES.	4/16/12	RJC	GE
4	15-0187	UPDATED TO NEW DRAFTING STANDARD. CORRECTED -1 ENGRAVE FROM P/N TO T/N, CH'D -3 Ø.375 TO Ø.38, CH'D -7 Ø.375 TO Ø.37.	7/31/2015	SM	JAG
5	17-0066	-1 CH'D DIM WAS 3X Ø.250 +.005-.000 IS 3X Ø.255 +.005-.000, -7 CH'D DIM WAS Ø.255 IS Ø.255 +.005-.000, -9 CH'D DIMS WAS Ø.375 +.005-.000 SLIP FIT WITH -11, -13 IS Ø.380 +.005-.000 (S.F. -11 & -13), WAS 50° IS 2X 50°, WAS R.03 IS 2X R.03, -11 CH'D MAT'L WAS 1018 IS 1018/1020 CR, ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D, -13 CH'D MAT'L WAS 1018 IS 1018/1020 CR, ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D, -15 CH'D DIM WAS Ø.375 +.005-.000 IS Ø.380 +.005-.000, -19 CH'D B/O REF WAS Ø1/4 X 1-1/2 (#97481A353) IS Ø1/4 X 2 (#97481A357)	3/20/2017	DPD	JAG



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WORK ORDER
NO. 168549 M
1711-17

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	4	SIDE PLATE	6061		2
			-3	1	CORD HANDLE	6061		3
			-5	4	HOOK	6061		4
			-7	14	BUSHING	6061		5
			-9	7	PULLEY	6061		6
			-11	1	SHORT CENTER PIN	1018/1020 CR		7
			-13	1	LONG CENTER PIN	1018/1020 CR		8
			-15	5	CENTER PLATE	6061		9
		B/O	-17	2	RIVETS	ALUMINUM	Ø1/4 x 1-1/4 (MCMASTER-CARR #97481A351)	1
		B/O	-19	2	RIVETS	ALUMINUM	Ø1/4 x 2 (MCMASTER-CARR #97481A357)	1
		B/O	-21	1	PARACORD		Ø3/16 X 50FT, TYPE IV (PARAGEAR #W9710R)	1

DART AEROSPACE	
2.5" BLOCK & TACKLE	
DWG NO. RBD29905	REV 5
MAT'L _____ HEAT TREAT _____ FINISH _____ SPEC _____	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: PERRITT	
CHECKED: SM 03/21/2017	
OPPS APPR: AA 03/28/2017	
QA APPR: JL 03/29/2017	
APPROVED: JAG 04/03/2017	
SCALE 1:2	DATE 10/2/2002
SHEET 1 OF 9	

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : <u>2/5/18</u>	Step #:	QTY Effective :		MRB (QSI042) Approval <u>FB 305/18</u>	
Description Work Order Deviation		Disposition		Completed By 	
- ITEM -19 RIVET 2" LG. TOO LONG (MCM# 97481A357) - USE BOWLINE KNOT INSTEAD OF QUADROUPHE SQUARE KNOT		- CHANGE ITEM -19 FOR MCM# 97481A353 OR - CUT MCM# 97481A357 TO 1.5" LG. 1.66" LONG - USE BOWLINE KNOT		Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER :			